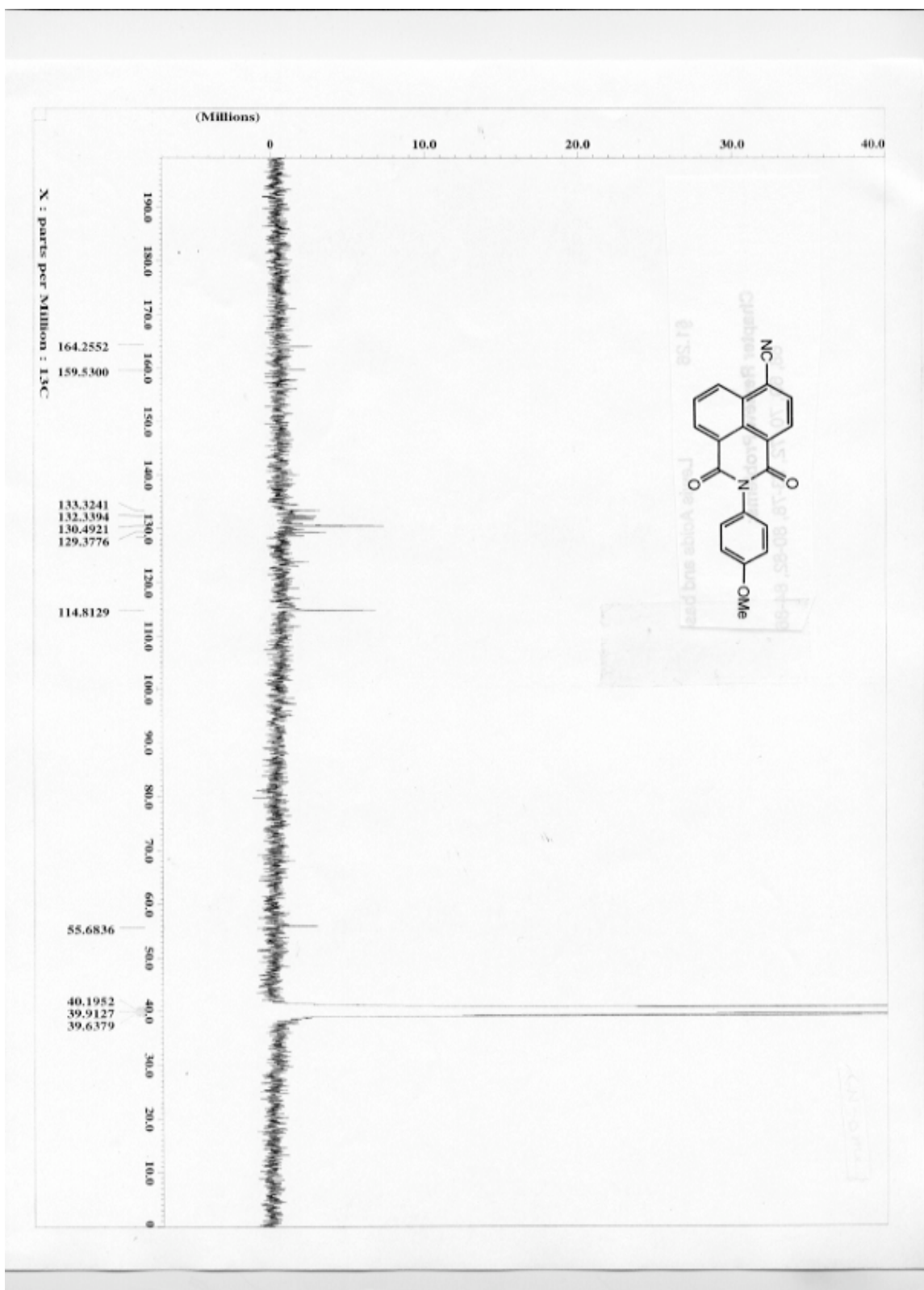
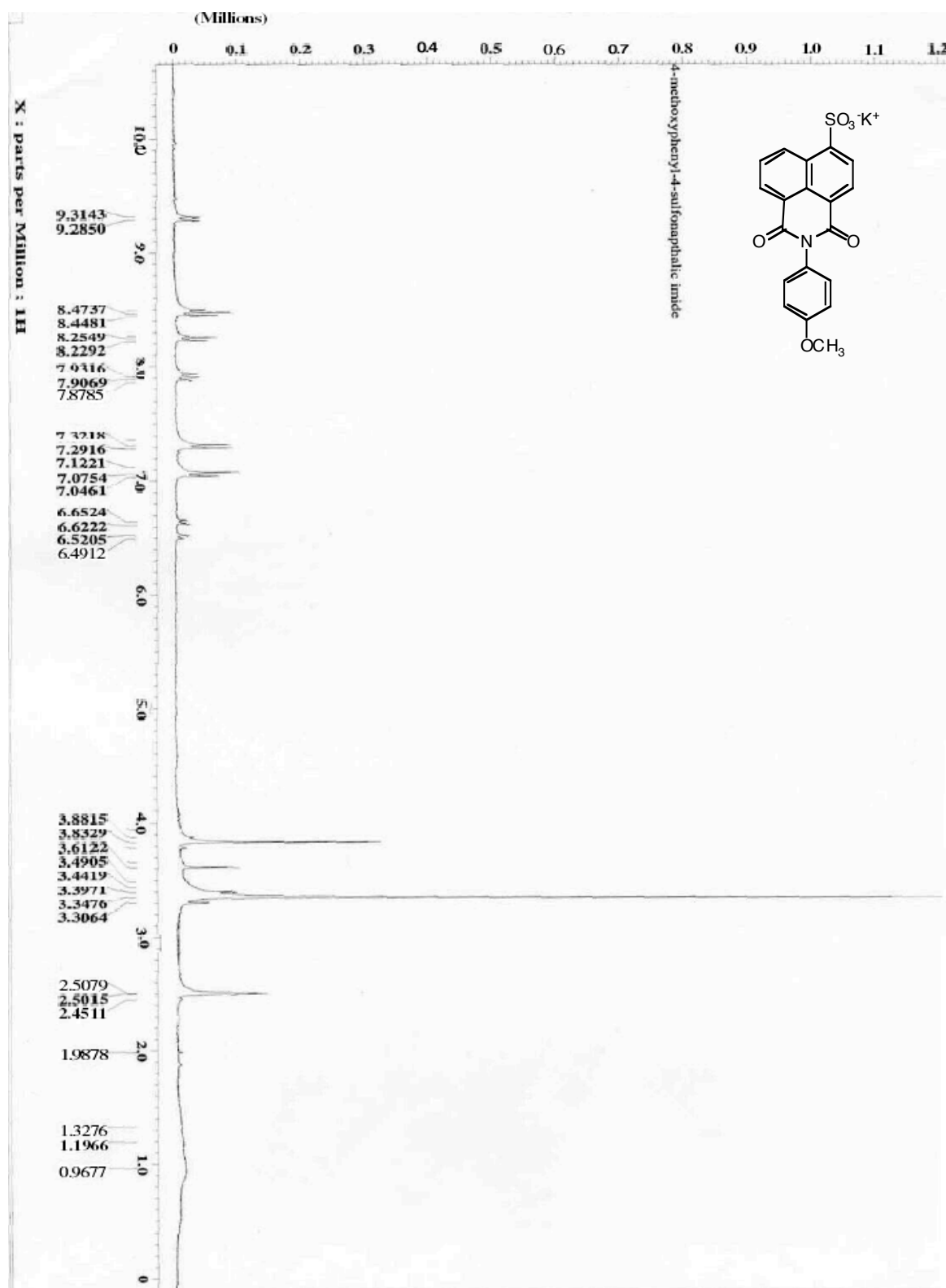


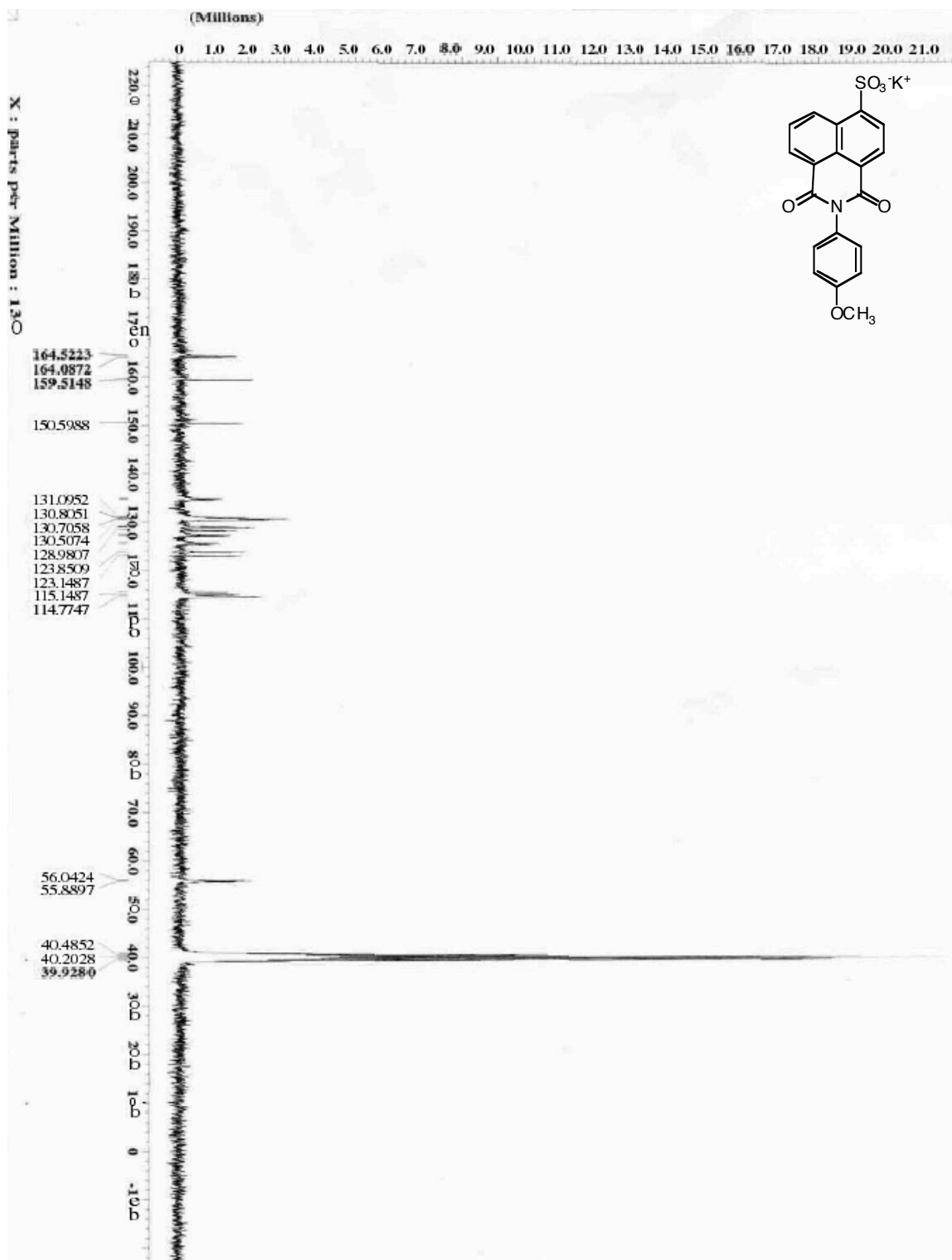
^1H NMR for 4-methoxyphenyl-4'-cyano-1,8-NI (**1**)



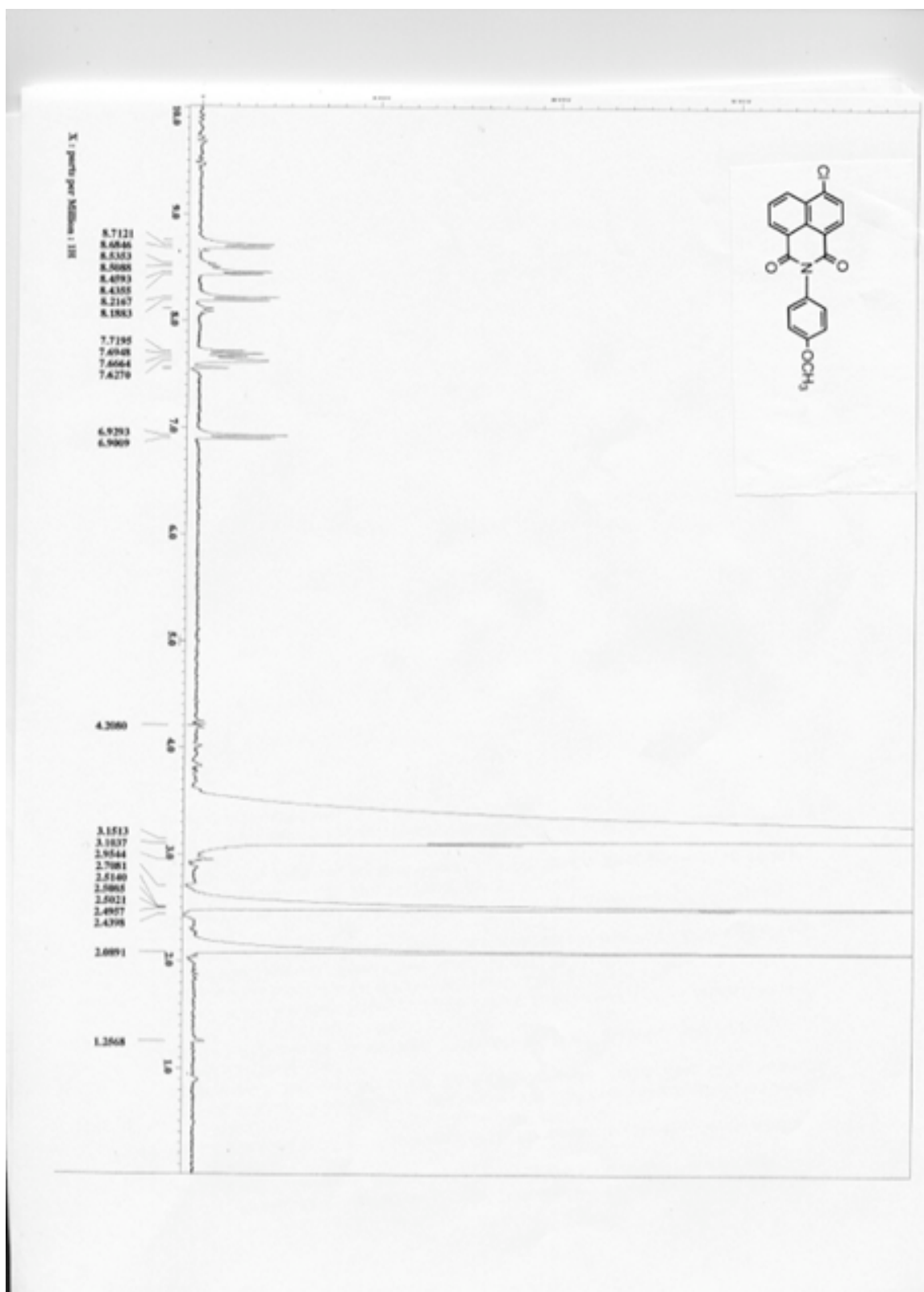
13C NMR for 4-methoxyphenyl-4'-cyano-1,8-NI (1)



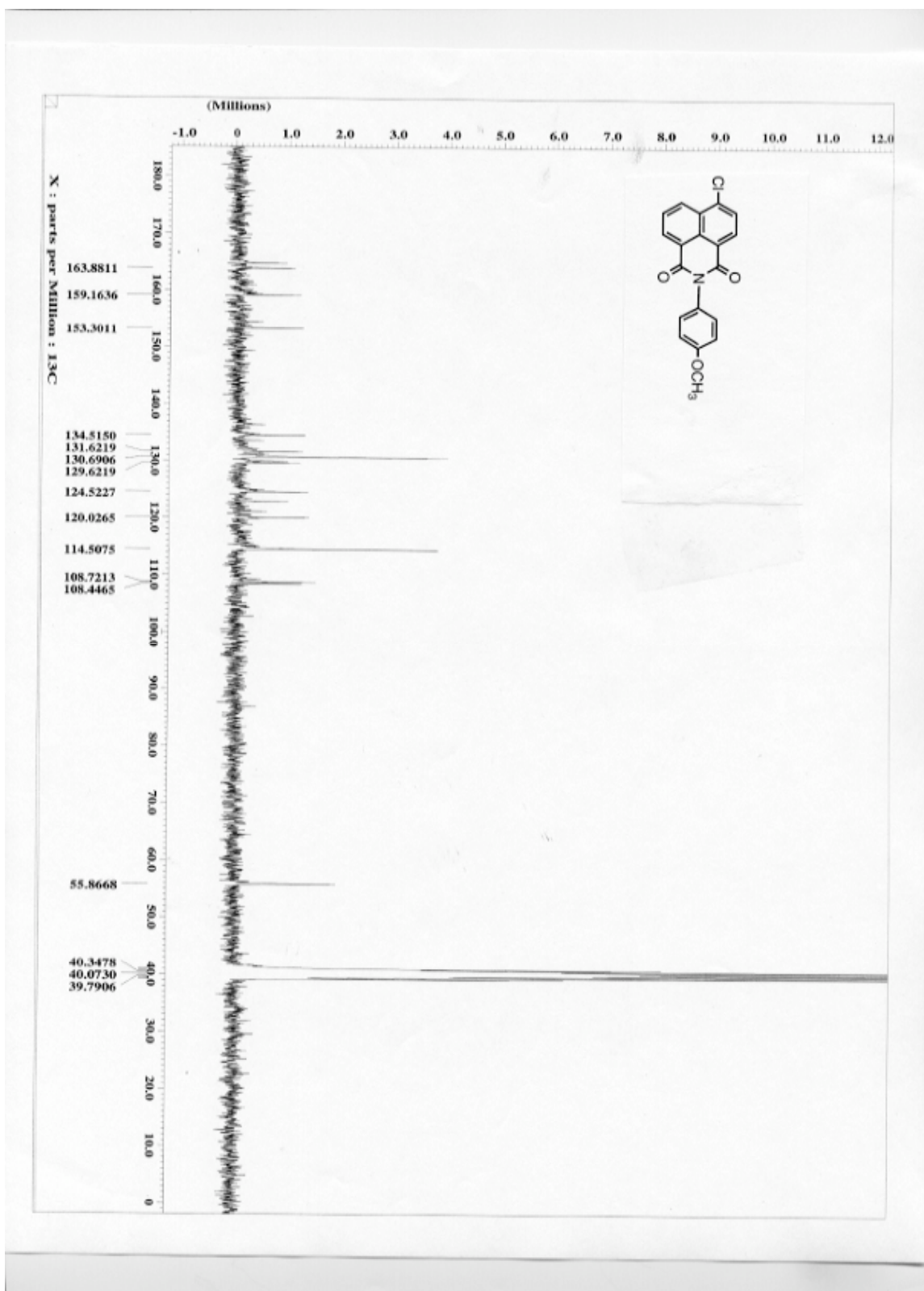
¹H NMR for 4-methoxyphenyl-4'-sulfo-1,8-NI (2)



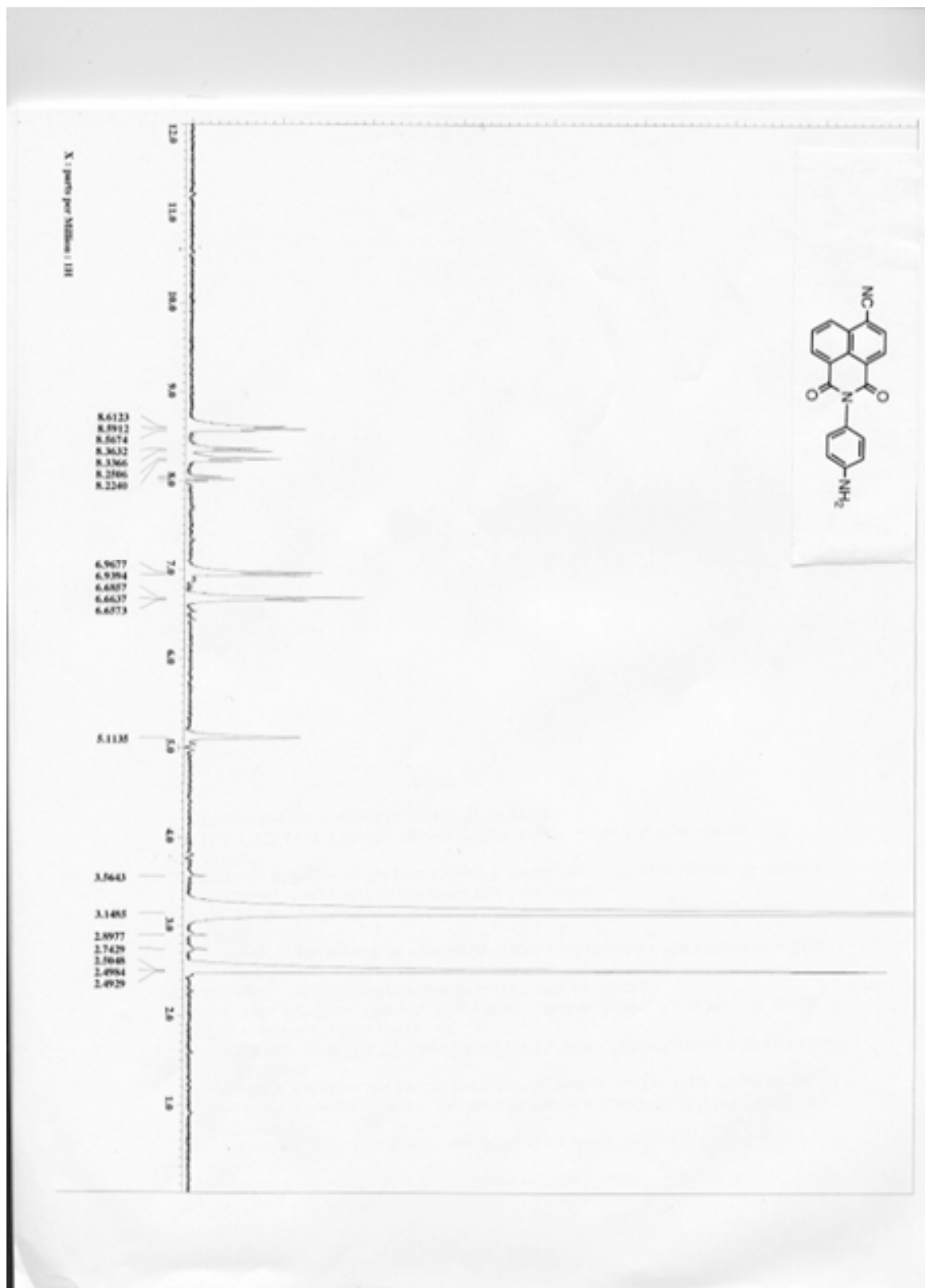
¹³C NMR for 4-methoxyphenyl-4'-sulfo-1,8-NI (2)



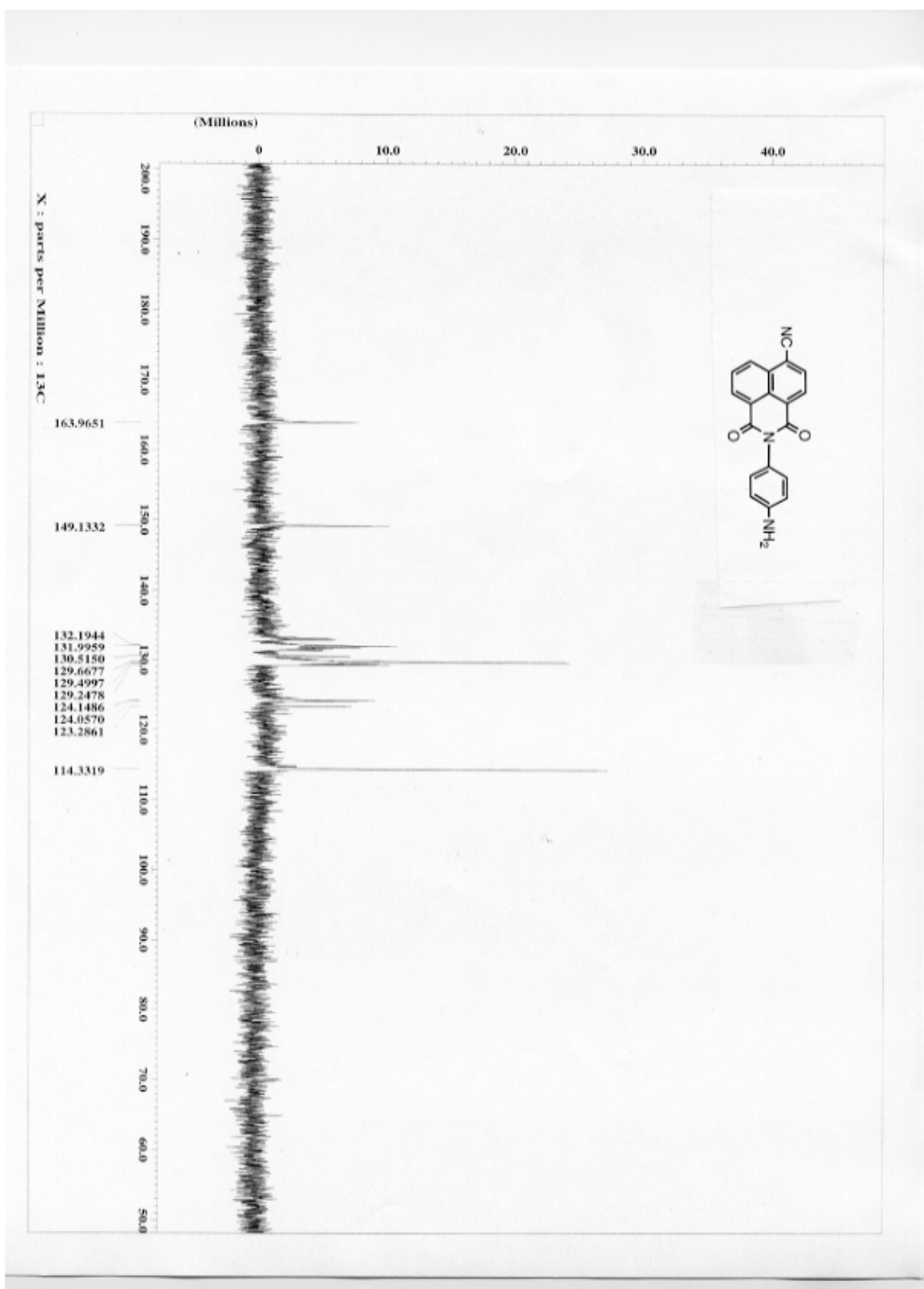
¹H NMR for 4-methoxyphenyl-4'-chloro-1,8-NI (**3**)



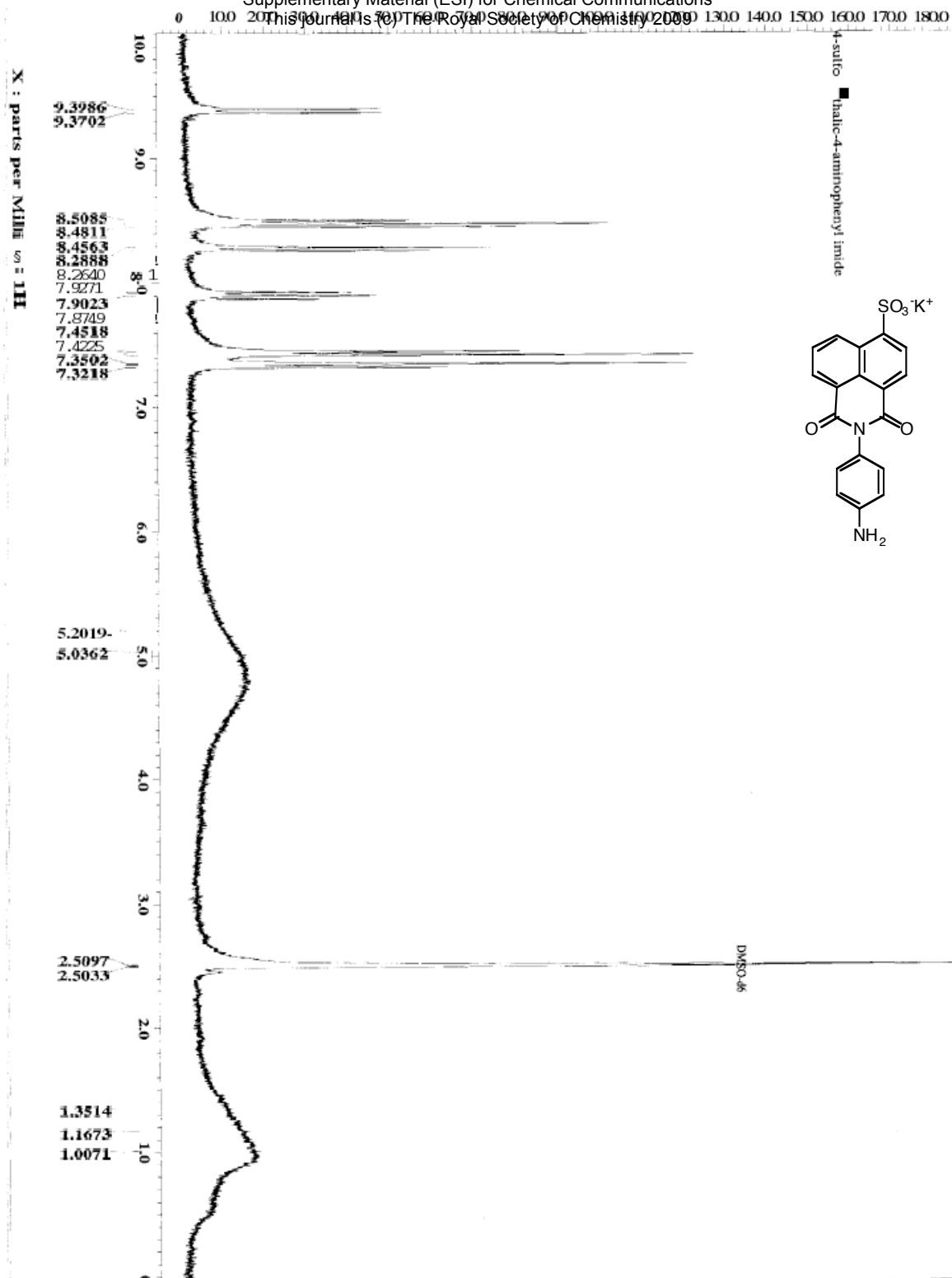
¹³C NMR for 4-methoxyphenyl-4'-chloro-1,8-NI (3)



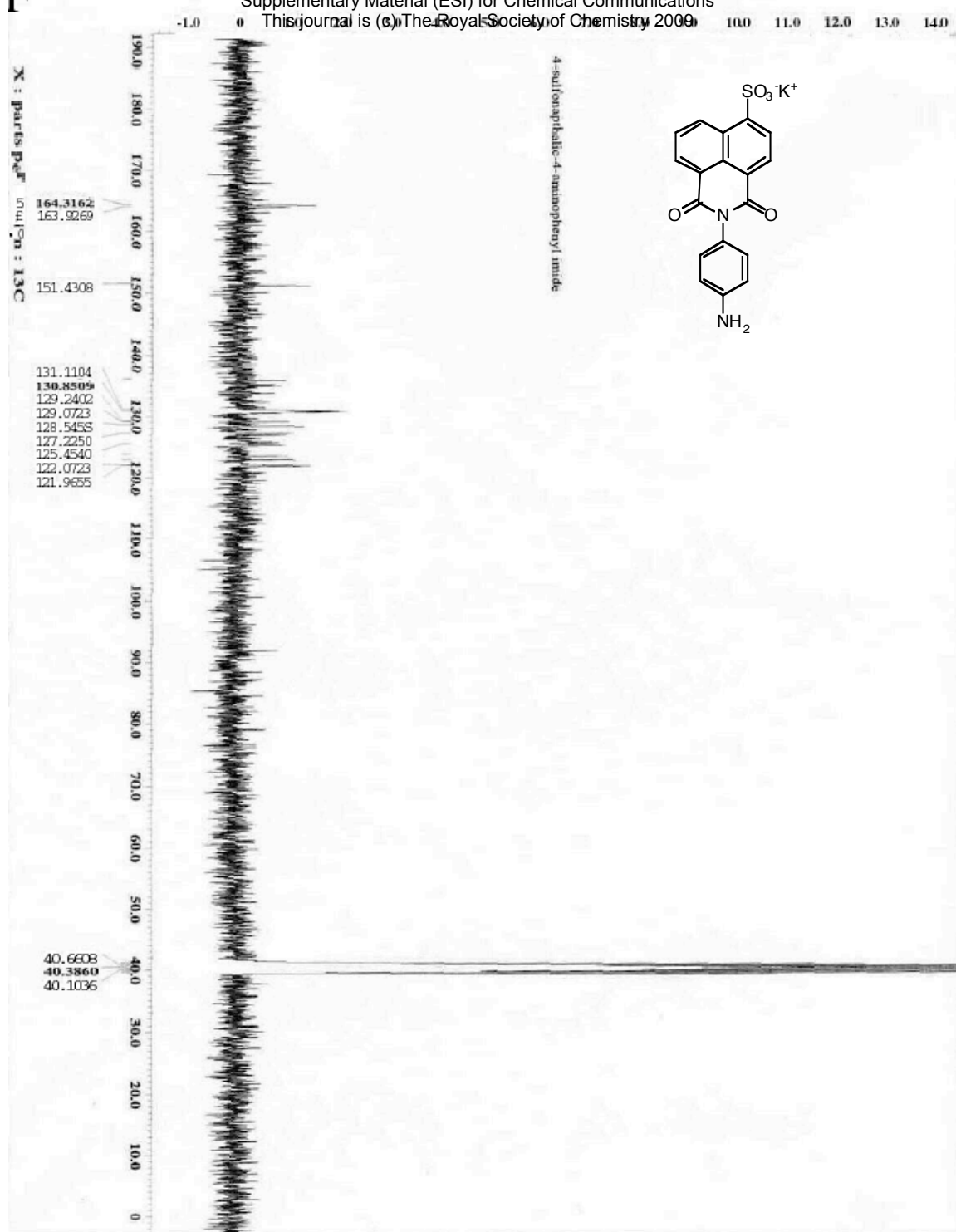
¹H NMR for 4-aminophenyl-4'-cyano-1,8-NI (4)



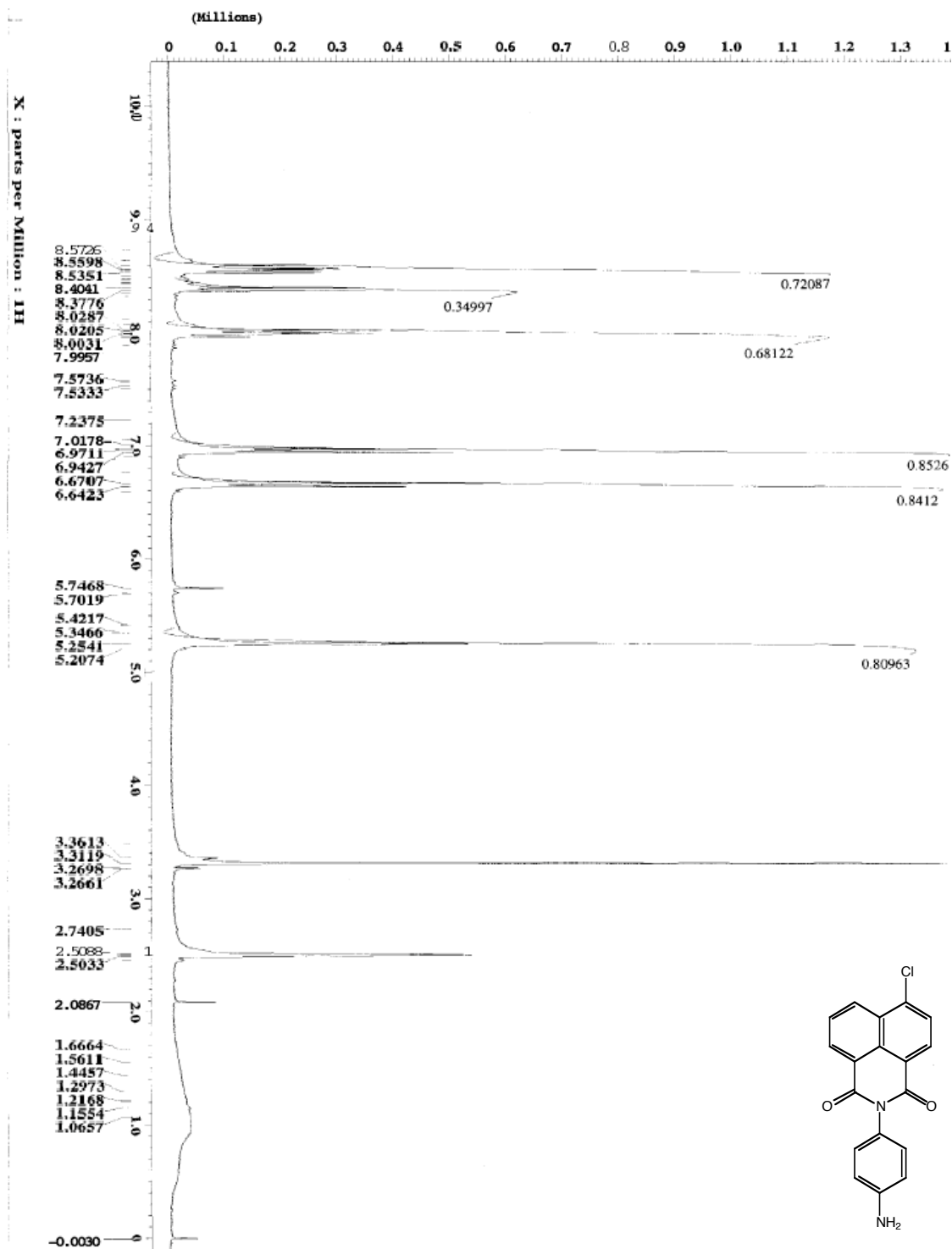
¹³C NMR for 4-methoxyphenyl-4'-sulfo-1,8-NI (4)



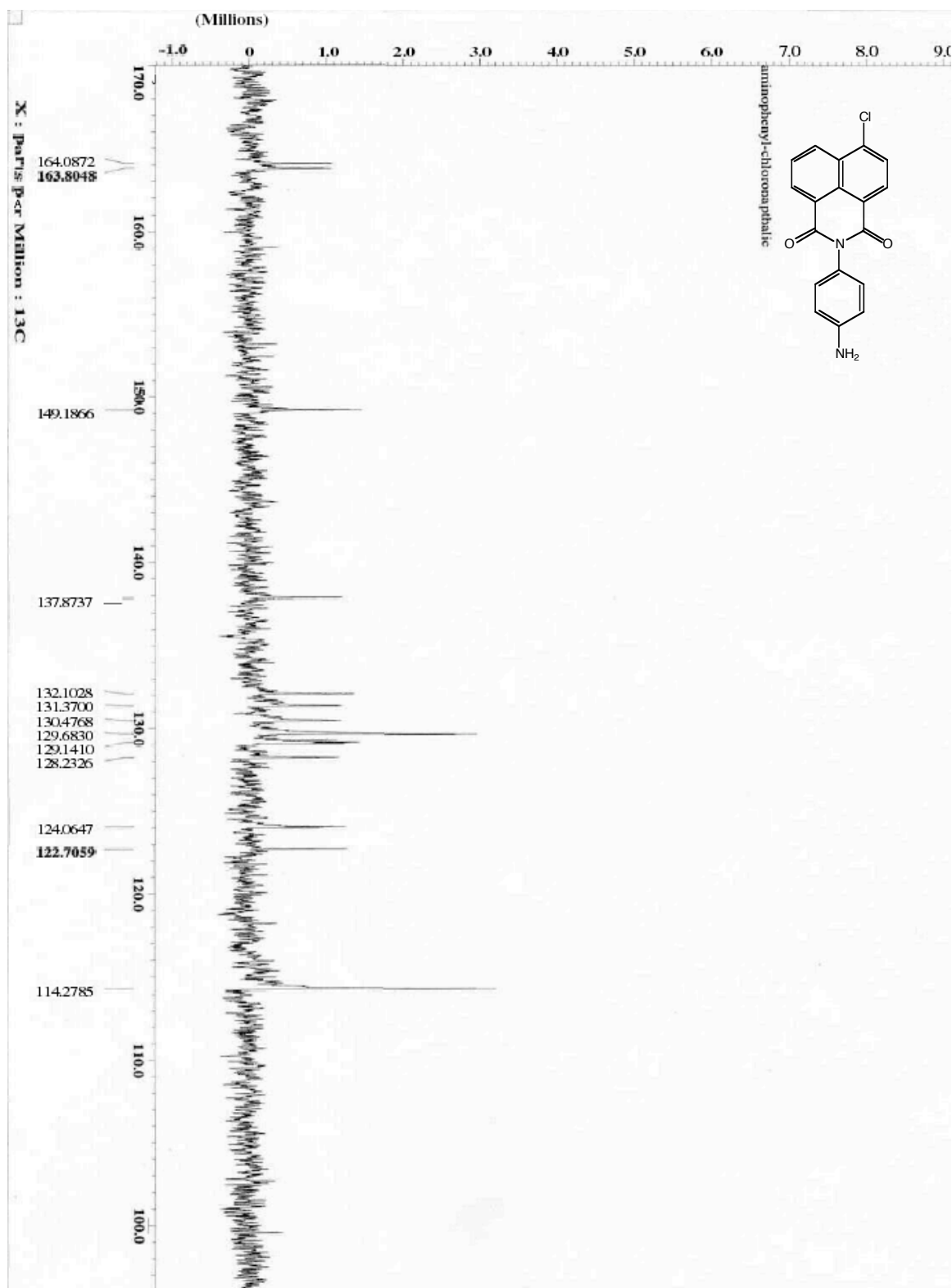
¹³C NMR for 4-aminophenyl-4'-sulfo-1,8-NI (**5**)



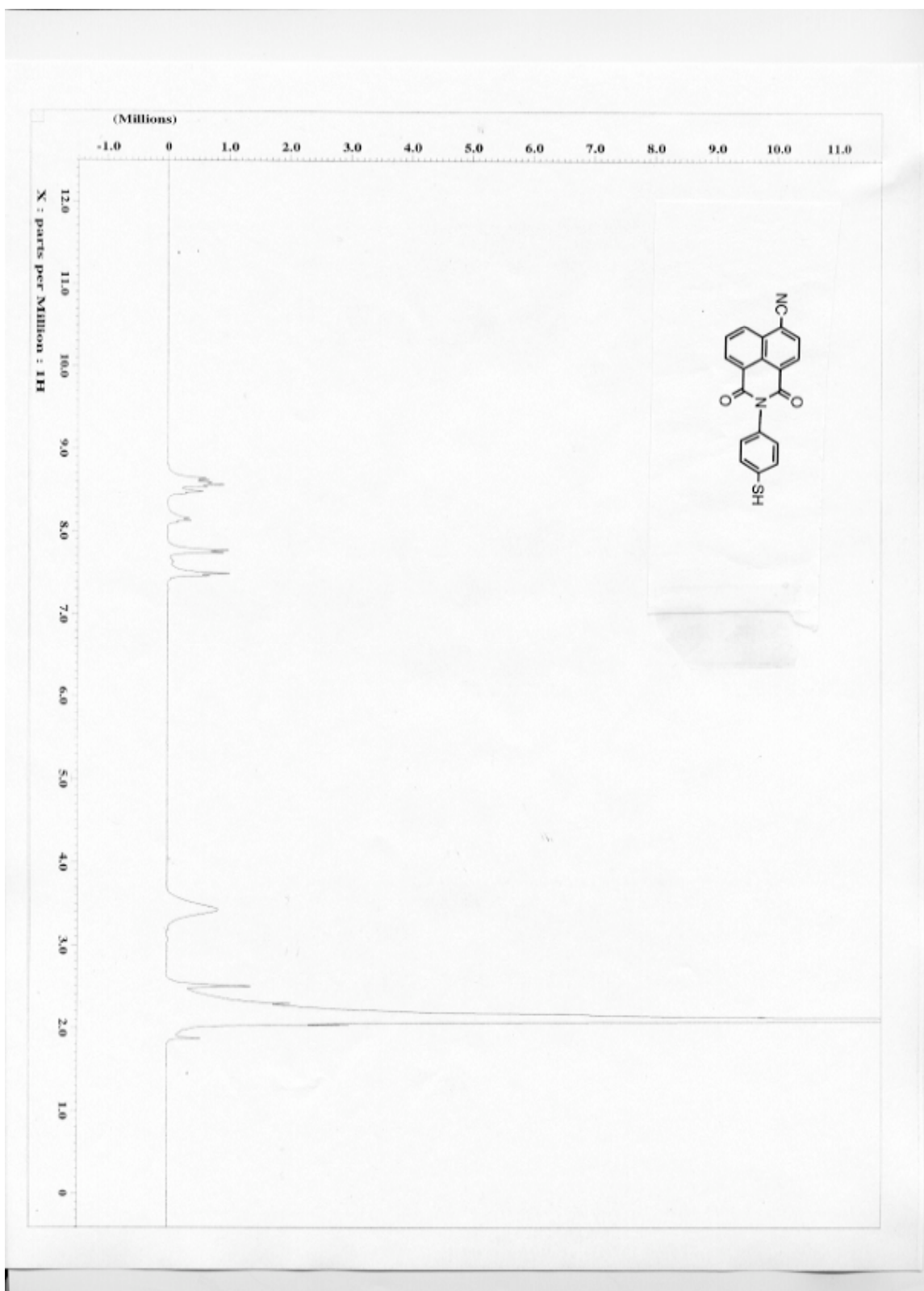
^{13}C NMR for 4-aminophenyl-4'-sulfo-1,8-NI (**5**)



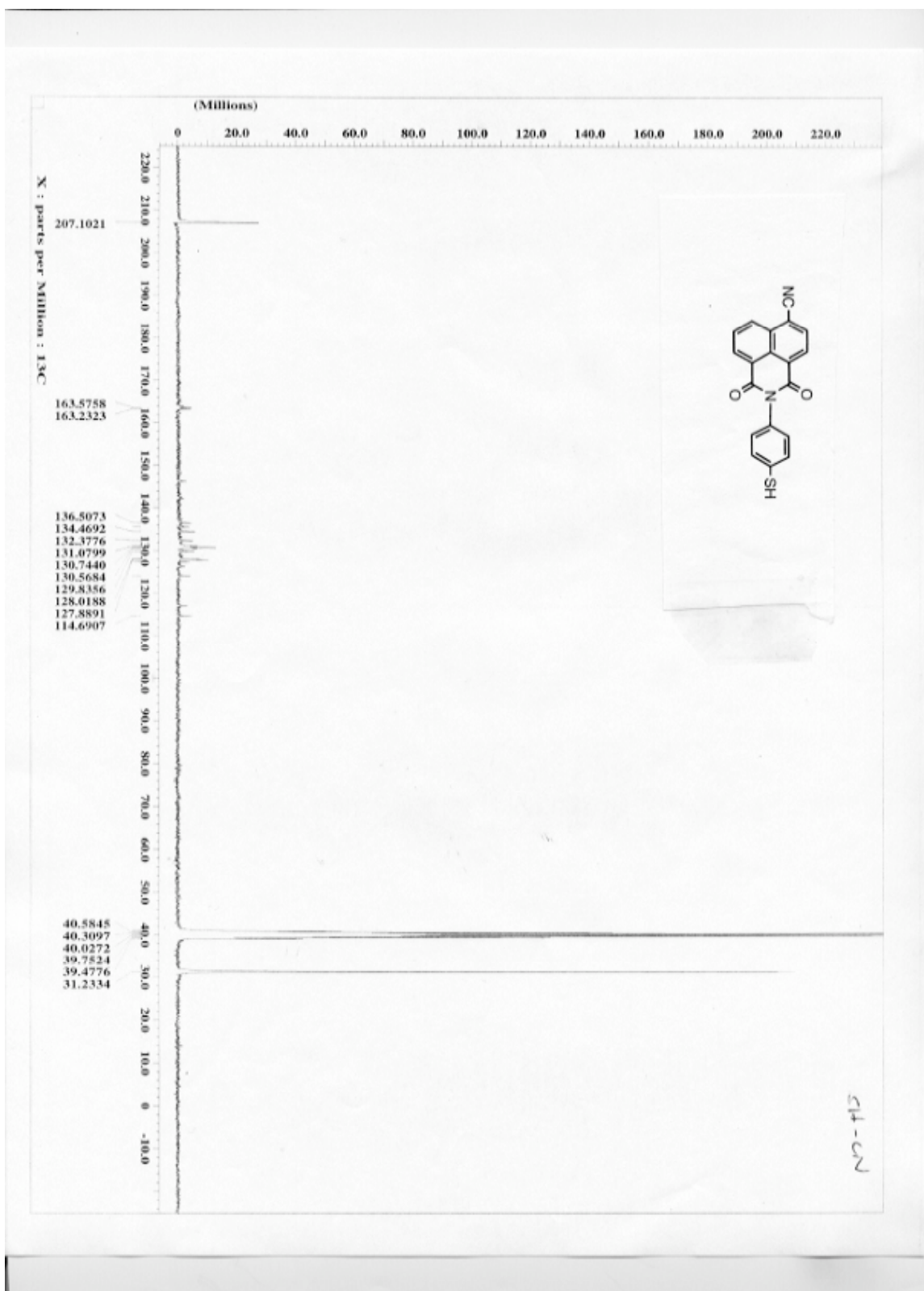
1H NMR for 4-aminophenyl-4'-chloro-1,8-NI (6)



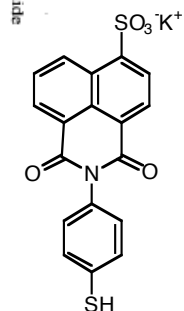
¹³C NMR for 4-aminophenyl-4'-chloro-1,8-NI (**6**)



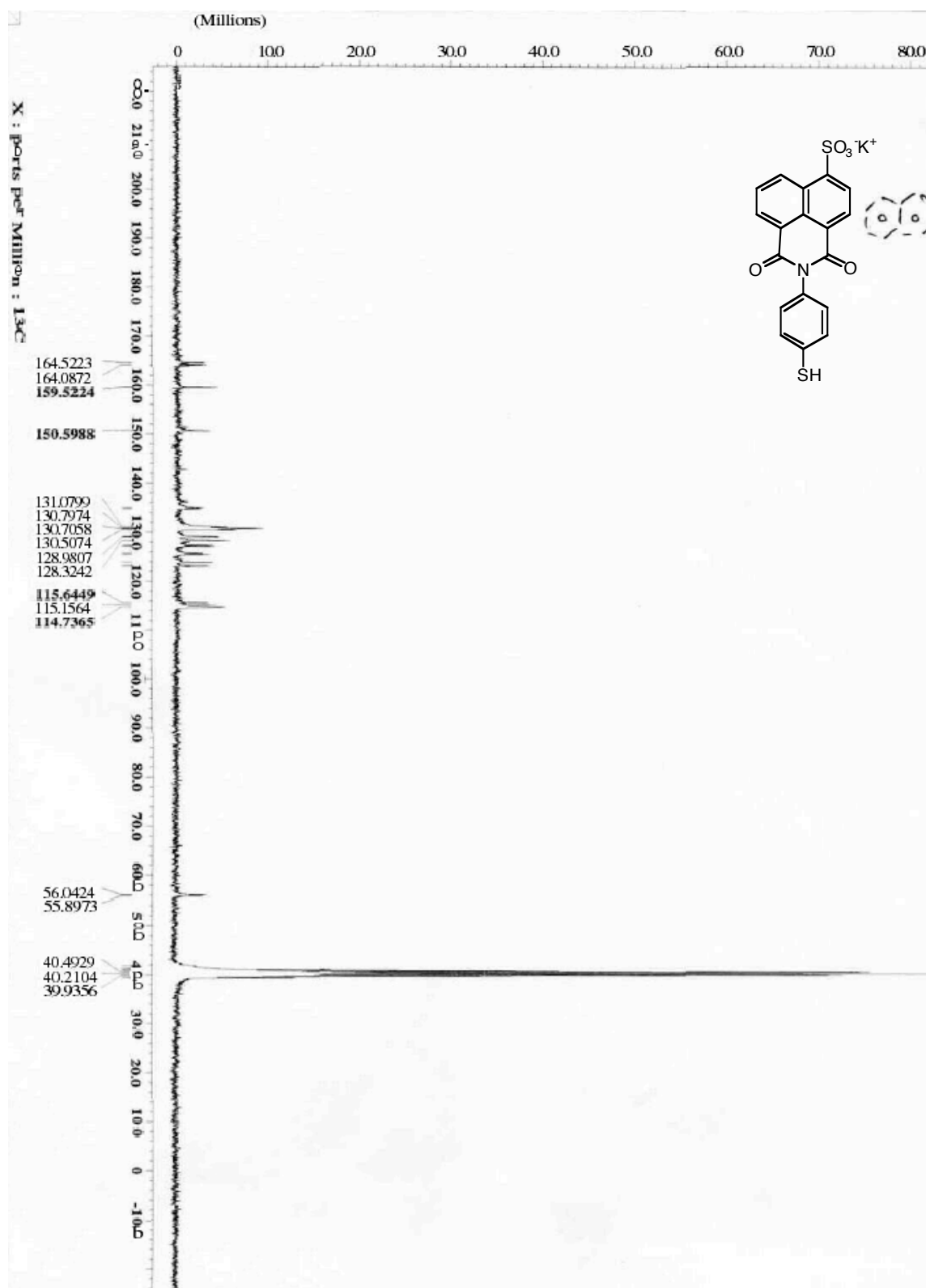
¹H NMR for 4-thiophenyl-4'-cyano-1,8-NI (7)



^{13}C NMR for 4-thiophenyl-4'-cyano-1,8-NI (**7**)



¹H NMR for 4-thiophenyl-4'-sulfo-1,8-NI (**8**)



^{13}C NMR for 4-thiophenyl-4'-cyano-1,8-NI (**8**)